

P.S. you must TAKE CARE OF THIS  
I WANT MY FREE RIGHT TO FLY MY RC

January 12, 1993

AIRCRAFT COPY ORIGINAL

PLEASE TAKE CARE OF THIS MATTER  
FOR US,

Federal Communications Commission

1919 m street, NW

Washington, D.C. 20554

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JAN 26 1993

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC MAIL ROOM

Members of the Commission: ( NPRM - PR Docket 92-235)

I am a member of the Academy of Model Aeronautics and regularly engage in the flying of radio control model aircraft. We are now using those 72 mhz frequencies allocated, in the recent past, by the FCC for radio control aircraft use. If NPRM - PR Docket 92-235 is implemented new Mobile Land Service frequency allocations 2.5mhz from the radio control frequencies will render them useless. That ultra narrow band frequency spacing is incompatible for radio control use. Model aircraft weighing up to as much as 50 pounds will go out of control in the presence of such radio signals and they will crash. There is no receiver technology that permits such narrow band use.

We believe some of the radio spectrum must be reserved for the hobby user as some land in cities must be reserved for open green space for parks and recreation. We urge you to not tamper with that portion of the 72 mhz in which we now operate. Thank you.

Sincerely,

AMA number 116273

Robert M. Merzi  
3343 Willow Ct. S.E.  
Salem OR 97302

THANK YOU RMM

[Date]

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in **PR Docket 92-235** replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

**This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.**

I have been involved in this hobby for 14 years. I own 1 radios and 2 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

**I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.**

Thank you for your consideration.

Sincerely,

*Rebecca Thompson*

3343 WILLOW CT S.E.  
SALEM OR 97382

I THANK YOU VERY MUCH

Sample Letter to FCC (from consumer)  
Regarding FCC Rule Making

RECEIVED

[Date]

JAN 26 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

RECEIVED MAIL ROOM

JAN 26 1993

DOCKET FILE COPY ORIGINAL

Dear Sirs:

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in **PR Docket 92-235** replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

**This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.**

I have been involved in this hobby for 28 years. I own 1 radios and 3 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

**I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.**

Thank you for your consideration.

Sincerely,

*George J. Thompson*

RECEIVED

JAN 26 1993

RECEIVED

JAN 26 1993

1513 No. Sherman  
North Platte, Ne.  
Jan. 15, 1993

Dear Sir:

FCC MAIL ROOM

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

I was involved in an accident 11 years ago and had to take a less strenuous job at work and be less actively involved in the Boy Scouts of America program of which I was involved for 30 years. I now enjoy the hobby of flying Model Airplanes for about 2 years. Our club has about 45 members.

I ask your Attention and Help in resolving a problem that could adversely effect many thousands, if it is not resolved in a responsible manner. The item is PR Docket 92-235. If this is put into place it could cost me about 3 times as much to fly airplanes. I hope to continue in this hobby and would be forced to give it up. I will be awaiting your reply and hope you will consider this something you will look into.

DOCKET FILE COPY ORIGINAL

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

Glenn L. Nelson

Regarding FCC Rule Making

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

[Date]

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JAN 26 1993

JAN 26 1993

DOCKET FILE COPY

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC MAIL ROOM

Dear Sirs:

I am a hobby retailer who sells many radios, radio-controlled models, and related products in my store. In addition, I sell train products, plastic model kits and other related hobby products.

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that has the potential to destroy my business and that of thousands of other retailers nationwide like me. The proceeding is PR Docket 92-235.

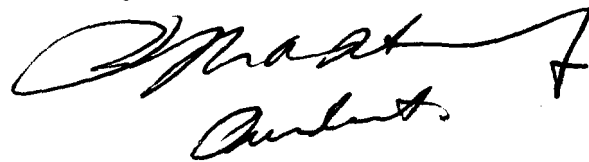
Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 MHz band and 10 of the 30 frequencies on 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability. It will create a significant safety risk and severely damage a billion dollar industry. Loss of R/C sales will hamper my ability to stay in business to sell other hobby items as well.

I urge you to reconsider this action. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz frequencies available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



PETERSON HOBBIES & CRAFTS  
3262B Civic Center Drive  
N. Las Vegas, Nev. 89030

Glenn L. Nelson

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JAN 26 1993

FCC MAIL ROOM

W.K. Anderson  
27059 Littlefield Dr.  
Valencia, CA 91354

Federal Communications Commission  
1919 M St., NW  
Washington, DC 20554

Jan. 20, 1993

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JAN 26 1993

DOCKET FILE COPY ORIGINAL

Dear Sirs:

I am writing to you today to express my concern about proposed rule making by the ~~FCC~~ <sup>FEDERAL COMMUNICATIONS COMMISSION</sup> ~~Office of the Secretary~~ <sup>Office of the Secretary</sup> NPRM PR Docket 92-235. A small portion of this proposed rule has the potential for significant adverse impact on the large number of people that participate in radio control modeling. Part of the rule would insert new commercial frequencies between the existing radio control frequencies.

The two primary impacts of the change are financial and safety related. From the safety standpoint the impact is devastating. Current RC aircraft can weigh up to fifty pounds and travel at speeds exceeding one-hundred fifty miles per hour. Safe operation requires reliable and clean communication links; an interruption in communications can result in property damage, injury or death. The financial impact is not as important as safety; it is however significant on an individual basis. The simplest of models and equipment represent a several hundred dollar investment, the most elaborate run into the tens of thousands. While two hundred dollars is not a great deal of money to many people, for the younger members of the modeling community it represents many months of savings. One additional issue is that the RC community has spent over the past few years' millions of dollars to upgrade to new frequency spacing mandated in 1991, changing equipment again would pose an undue burden upon the RC community.

I appreciate your consideration regarding this matter. Ideally the 72 and 75mhz modeling frequencies will be left alone.

Very Truly Yours

*William Kever Anderson*

January 12, 1993

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JAN 26 1993

FCC MAIL ROOM  
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**Federal Communications Commission  
1919 m street, NW  
Washington, D.C. 20554**

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

**Members of the Commission: ( NPRM - PR Docket 92-235)**

**I am a member of the Academy of Model Aeronautics and regularly engage in the flying of radio control model aircraft. We are now using those 72 mhz frequencies allocated, in the recent past, by the FCC for radio control aircraft use. If NPRM - PR Docket 92-235 is implemented new Mobile Land Service frequency allocations 2.5mhz from the radio control frequencies will render them useless. That ultra narrow band frequency spacing is incompatible for radio control use. Model aircraft weighing up to as much as 50 pounds will go out of control in the presence of such radio signals and they will crash. There is no receiver technology that permits such narrow band use.**

**We believe some of the radio spectrum must be reserved for the hobby user as some land in cities must be reserved for open green space for parks and recreation. We urge you to not tamper with that portion of the 72 mhz in which we now operate. Thank you.**

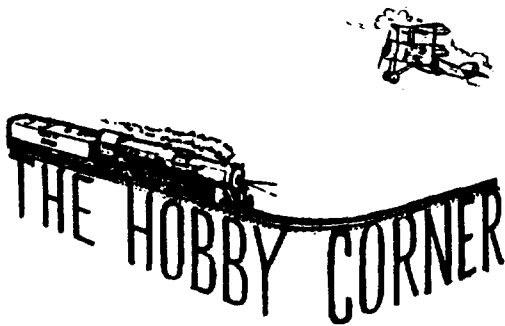
**Sincerely,**

**AMA number**

*Robert A. Sterett*

**255289**

**ROBERT A. STERETT  
1566 ALOHA CT. SO.  
SALEM, OR. 97302**



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JAN 26 1993



464 Knollwood Street  
Winston-Salem, North Carolina 27103  
(919) 768-2345

January 19, 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

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JAN 26 1993

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Dear Sirs:

We are hobby retailers who sell many radios, radio controlled airplanes, boats, helicopters and cars as well as other related products in our store. In addition, we sell train products, rockets, model kits, scientific supplies and other related hobby products. We are a small, family-owned and operated business already saddled with rising taxes, mail order competition and rising overhead costs. We have customers from age 8 to 72 that will be affected by your decision.

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

It has come to our attention that the FCC is considering an action that has the potential to destroy our business and that of thousands of other retailers nationwide like us.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 Mhz band and 10 of the 30 frequencies on 75 Mhz band now used by hobbyists. In fact, more channels will likely be affected. ?????WHY DO THIS AFTER JUST INCREASING THE NUMBER OF FREQUENCIES AVAILABLE TO US?????????

If you adopt this new rule, it will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability. It will create a significant safety risk and severely damage a billion dollar industry. Loss of R/C sales will hamper our ability to stay in business to sell other hobby items as well.

PLEASE RECONSIDER THIS ACTION. KEEP 10Khz SPACING BETWEEN ALL FREQUENCIES ON 75 Mhz AND 72 Mhz AVAILABLE FOR SAFE USE BY R/C ENTHUSIASTS. PLEASE DON'T ELIMINATE THIS HOBBY THAT HAS GROWN TREMENDOUSLY OVER THE PAST 30 YEARS AND HAS SO MUCH INVESTMENT OF MONEY AND ENJOYMENT OF PEOPLE NATIONWIDE.

Sincerely,

*Martha, Pete & Anthony Wiencek*  
Martha, Pete, and Anthony Wiencek



R/C Planes

Cars

Helicopters

Boats

Model Railroading

Rockets

Plastics





EVANS & LIPSON  
ATTORNEYS AT LAW  
7290 SAMUEL DRIVE  
SUITE 322  
DENVER, COLORADO 80221-2793  
PHONE 303-427-5581

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JAN 26 1993

FCC MAIL ROOM

January 20, 1993

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JAN 26 1993

FCC  
1919 M St., NW  
Washington, DC 20554

DOCKET FILE COPY ORIGINAL  
FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Sir:

The FCC should not change the frequencies assigned to model airplane users and should not allow the new frequencies proposed by NPRM P R Docket 92-235.

1. The model airplane community in 1990 changed their equipment to more narrow spacing. The cost to the modeling public was in the tens of millions of dollars. At least 400,000 modelers spent \$400.00 each to change their radios. This is a very conservative estimate. The cost to change again will probably be much higher since more expensive technology would be used.

2. Burt Rutan, well-known for his innovative aircraft designs including the proof of concept for the Beach Starship and his own single engine low cost fighter aircraft, Aries, which he is currently marketing, started as a modeler in his youth. Model aircraft building and flying is a highly respected sport in the European countries. They recognize that future engineers, mathematicians and scientists come from the ranks of the model aircraft fliers. This valuable endeavor needs to be encouraged by the U.S. Government.

3. R C modelers must have frequencies upon which they can rely for today's use and a reasonable time into the future without change. The planes now weigh up to 55 pounds and have up to ten horse power motors and cost from a few hundred dollars to over \$10,000.00. Many are working models of full-sized planes. Due to the expense of full-size planes, many people have gone to flying the models as a less expensive alternative. For the safety of all involved, and potential expense, it is very important that the model aircraft fliers have frequencies clear of interference. This sport is now very safe. One million dollars insurance coverage costs a pilot \$25.00 per year.

4. R C model aircraft are used in defense and industrial applications throughout the world. The modelers have been the ones to make the technology available to the defense departments and industrial users.

5. The sport of flying model aircraft should be protected as it provides the country with engineers and scientists. This sport is the only sport which requires engineering and scientific knowledge to become proficient. We need good scientists and engineers in this country. Please do not take away the only sport activity which promotes these disciplines.

Sincerely,

A handwritten signature in cursive script, appearing to read "Albert V. Evans".

Albert V. Evans

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JAN 20, 1993

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JAN 26 1993

JAN 26 1993

FCC MAIL ROOM

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

Dear Sirs:

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 33 years. I own 6 radios and 11 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



Wilbur N. Todd  
11405 Brendonridge Lane  
Richmond, Va. 23233

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JAN 26 1993

FCC MAIL ROOM

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

*Wayne Jordan*  
*Jeffrey Dain*  
DOCKET FILE # 92-275  
COPY ORIGINAL

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio-controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-275 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shut out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

*To children watching Air Shows.*

I have been involved in this hobby for 1 years. I own 2 radios and 2 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

*Wayne Jordan*

*I Am Very Upset*



L. C. Parfitt  
6612 Cottonwood Dr.  
Alexandria, VA  
22310-2814

Federal Communications Commission  
1919 M St. NW  
Washington DC 20544

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JAN 26 1993  
DOCKET FILE COPY ORIGINAL  
FCC MAIL ROOM

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JAN 26 1993  
FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Sir or Madam,

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies already assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band, a band primarily used for private Land Mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the Land Mobile frequencies that we have been able to share the band without either use interfering with the other. Now the FCC wants to create more Land Mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many Land Mobile frequencies will move closer to the radio control frequencies. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. Many thousands of dollars of radio control equipment owned by members of my club will be rendered useless.

When we fly our model airplanes we go through great lengths to assure the safety of the operators and bystanders and the protection of property. Our safety precautions involve the careful coordination and use of the assigned radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly reduced. Please understand that many model airplanes have wing spans up to 10 feet, weigh as much as 30-40 pounds and fly at a high rate of speed. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We need the use of our full compliment of radio frequencies in order to assure a safe flying environment.

I do not think it is wise for the FCC to seek to allocate more radio frequencies for Land Mobile users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me to continue the safe enjoyment of my pastime by not implementing NRPM PR Docket 92-235.

Sincerely,

*Lawrence Parfitt*  
AMA 2000

Federal Communications Commission  
1919 M Street NW  
Washington, DC 20554

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

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JAN 26 1993

FCC MAIL ROOM

**Urgent: Serious problem with PR Docket 92-235**

Dear Sirs:

**Please help me!** My hobby is the construction and operation of radio controlled model airplanes. I have been in this hobby for many years and have a considerable investment in it. It is a wonderful hobby for young and old. Also, I have many friends in this hobby.

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is **PR Docket 92-235**. If adopted, the new rules will absolutely cause radio interference on the majority of frequencies currently assigned for RC model aircraft use. Safety is very important in this hobby.

Our RC frequencies are in the 72 - 76 MHz band. We share this band with the private land mobile dispatch operations. However, now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging this band. The mobile frequencies will be separated by 5 KHz but they will bracket the RC frequencies by only 2.5 KHz. This will cause interference on the RC channels. In addition **the technical specifications for the new mobile equipment allows a frequency tolerance which could place their signal directly on an RC channel.**

Can you imagine all the RC airplanes, each costing several hundred dollars or more, that will be crashing to the ground because someone uses a "mobile" telephone in the vicinity. We modelers have controls and rules in place to assure the safety of the operators and bystanders and also the protection of surrounding property. But there will be no protection against these new frequencies because they are "mobile" and we would never know where they are.

The frequency changes are proposed by the FCC Land Mobile Service. The FCC has issued a Notice of Proposed Rule Making (**NPRM - PR Docket 92-235**)

All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like myself and my family. *Please help keep model aviation safe.*

**The FCC must not be allowed to carry out its proposals for the 72 - 76 MHz band.**

Sincerely

*Robert Bishop*

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JAN 26 1993

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FCC RECORD ROOM

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

January 22, 1993

Federal Communications Commission  
1919 M St NW  
Washington, D.C. 20554

Dear Sirs:

Re: Hazards presented by NPRM-PR Docket 92-235, Notice of  
Proposed Rule Making by the Federal Communications Commission

I am retired, and along with my many other activities, I'm active in two area clubs building and flying radio controlled large scale model aircraft. These clubs have a combined membership exceeding 225 fellow modelers.

The amount of activity in this popular radio control sport generates a tremendous amount of cash flow across the country with the many clubs in the United States. It also promotes growing stability in the country's business world.

Reflecting on this, you can understand why we modellers are objecting to this bill which would place more land mobile frequencies in between our R/C frequencies and would jeopardize this activity.

We hope you understand the hazards that this measure would cause and please make an effort to protect our interests.

We would appreciate your encouraging your fellow legislators on our behalf.

Sincerely,



David G. Cobb  
5545 SW Seymour Street  
Portland, OR 97221

cc: Senator Mark Hatfield  
Senator Robert Packwood  
Representative Ron Wyden  
Representative Elizabeth Furse

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JAN 26 1993

JAN 26 1993

DOCKET FILE COPY ORIGINAL  
January 14, 1992

FCC  
1919 M ST. NW  
Washington, DC

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

I am active in radio control airplane modeling and flying. I have been enjoying the sport for over a year now, and would very much like to continue. I spend approximately 15 to 20 hours a week building and flying model airplanes. It helps me occupy my leisure time, gives me a feeling of achievement, and is also great fun.

The reason for this letter is because I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). (The proceeding is PR Docket 92-235). If adopted, the new rules will reduce the usability of frequencies currently assigned for model use, and increase the risk of accidents and attendant liability for controlling model airplanes.

The radio control frequencies we use are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies so that we have been able to share the band without either use interfering with the other.

With the FCC Docket splitting the mobile frequencies into narrower band widths, many land mobile frequencies will move closer to the radio control frequencies. This will cause interference to radio control operation for 31 of the 50 frequencies available, and leave only 19 frequencies for safe use.

Many safety precautions are taken when flying remote control aircraft to assure the safety of the operator, bystanders, and the protection of property. One of the most important safety precautions is the careful coordination and use of radio control frequencies. With the number of usable frequencies reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly reduced.

A remote control aircraft, weighing 5 to 20 pounds, capable of speed of a 100 mile per hour or more, that goes out of control due to radio interference is not discriminating of what or whom it crashes into. A crash can cause property damage, serious injury or even death. The full complement of radio frequencies are needed in order to assure a safe flying environment.

I do not think it is wise for the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself, and contributes to the advancement and development of the commercial aviation industry.

Please help me continue in the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,



Barry Williams



January 13, 1992

Federal Communications Commission  
1919 M St. NW  
Washington, DC

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JAN 26 1993

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

I derive many hours of enjoyment from constructing and flying radio controlled model aircraft. I have been interested in aviation for as long as I can remember. I am very active in a local club whose over 50 members also enjoy building and flying radio controlled model aircraft.

I am very concerned about proposed rules that are under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of radio frequencies presently assigned for model use and increase the risk of accidents and the attendant liability for controlling model aircraft.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now, the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model aircraft, only 19 frequencies will be left usable if the new rules are adopted.

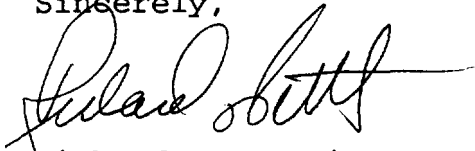
When we fly our radio control model aircraft, we go to great lengths to assure the safety of the operators and bystanders and the protection of our property. Many of our safety precautions involve the careful coordination of the use of radio control frequencies. If the number of usable frequencies is reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model aircraft have wingspans of 10 feet or more and weigh as much as 30 to 40 pounds, some reaching airspeeds of over 100 miles per hour. The models themselves are expensive to build: but more to the point, they are capable of causing extensive property damage, serious injury, or even death if radio interference causes the operator to lose control of the model. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to have a safe flying environment.

I do not think it is wise of the FCC to seek to improve operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. Personally, I own and operate 4 complete radio transmitter/receiver sets, each valued at over \$500.00. If this new plan were to be enacted, all of my equipment would become unusable. The hobby provides many hours of enjoyment to thousands of people like myself. I belong to the Academy of Model Aeronautics, (AMA), which presently has over 200,000 members who regularly use the assigned frequencies for radio controlled model aircraft. Our hobby contributes to the advancement and development of the commercial aviation industry. Also, the extensive use of Remotely Piloted Vehicles, (RPV), during the Desert Storm military involvement, was directly related to and developed from radio controlled model aircraft.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard L. Pettit".

Richard L. Pettit

Leader Member, Academy of Model Aeronautics #1056

Amateur Radio License KJ4IN (Advanced)

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FCC - MAIL ROOM

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1-3-93

Gentlemen!

I want to Express my Concern!

Proposed Rule! (PR Docket 92-235)

I own \$3,000 worth of Radio  
Equipment that would be unusable if  
this frequency assignment is adopted.

Please take a close look at this Rule Change

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Thanks

Jerry L Smith

AMA # 76155

JERRY L. SMITH  
3970 CONTEST ROAD  
PADUCAH, KY 42001

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4205 Eddystone Dr.  
Cincinnati, OH 45251  
15 January 1993

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Federal Communications Commission  
1919 M St. NW  
Washington, D.C.

Sirs:

My hobby shop just informed me of proposed new rules by the FCC (PR Docket 92-235) that greatly disturb me. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use while substantially increasing the risk of accidents and attendant liability.

I am a retiree and spend many hours enjoying my hobby of flying radio controlled model airplanes. Myself, along with tens of thousands of other hobbyists, have a considerable investment in our models. In order to protect that investment, the property of others and most especially life and limb, we take great care to operate our models in a safe manner.

The proposed new frequency allocations for land mobile use are so close to those assigned for model operation that legal tolerances allowed may actually overlap the model frequencies. When one of those land mobile transmitters operates within range of a model aircraft in flight, the model will become uncontrollable and will crash. Not only will the model be destroyed, it may threaten life, limb and property.

In addition, of the 50 frequencies now available for the control of model airplanes, only 19 will be left if the new rules are adopted. The economic impact of this would be tremendous. I currently own three sets of radio equipment costing about \$1,000 that would become obsolete and unusable. The cost of replacing existing equipment would drive many from the hobby.

I do not think it wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. I therefore ask that you withdraw or modify PR Docket 92-235 to eliminate the incursion on model aircraft frequencies.

Sincerely,



M. L. Milliner

From: RICK'S HOBBY HANGAR  
REGARDING FCC Rule Making  
To: Federal communications Commission  
1919 M Street, NW  
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY  
FCC - MAIL ROOM

I am a hobby retailer who sells many Radios, radio-controlled models, and related products in my store. In addition, I sell train products, plastic model kits and other related hobby products.


It has recently come to my attention that the Federal Communications Commission is considering an action that has the potential to destroy my business and that of thousands of other retailers nationwide like me. The proceeding is PR Docket 92-235.

Your notice of proposed rule making (NPRM) in PR Docket 92-235 replaces part 90 of your rules with a new part 88. Part 90 allows for the safe use of R/C aircraft and surface models by keeping 10Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 Mhz band and 10 of the 30 frequencies 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability. It will create a significant safety risk and severely damage a billion dollar industry. Loss of R/C sales will hamper my ability to stay in business even to sell other hobby items.

I urge you to reconsider this action. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz frequencies available for safe use by R/C enthusiasts. Please don't eliminate this hobby which has grown tremendously over the past thirty years and has so much investment of money and enjoyment of people nationwide. I personally have 12 planes, and 15 radios on several frequencies. My total investment over the past 15 years of model aviation is not calculable, but I personally spent 6,00.00 last year.

One other thing that has not been mentioned as yet is the Children, and young adults that are given something useful and rewarding to do with their spare time. Because of modeling, in all aspects aviation, cars, and boats many young people have used their idle time in a constructive manner rather than being involved in the judicial system on the wrong side of the law. Also to be considered is the amount of money expended in areas AWAY from home when they travel to contest. My wife and I travel to at least 10 out of town events each summer. This means that we buy gas, rent hotel rooms (usually for two nights), and pay for meals in restaurants that we would never visit otherwise. If you multiply my family times the hundred of thousands of people that travel to contest and fly each summer, it is easy to see that the proposed rule PR Docket 92-235 could only depress an already troubled economy. Please help us. Please help better serve the public by protecting for all time once and for all the continued and safe use of 75 MHz and 72 MHz by R/C enthusiasts.

  
Richard E. Irvin  
Rick's Hobby Hangar  
214 N. Madison  
Mt. Pleasant TX 75455

Edward w. Crump III  
417 Katherine St.  
Leeds, Ala. 35094

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FCC - MAIL ROOM

In regards to ( PR Docket 92-235 )

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Sir:

I am presently a member of Bama Flyers model airplane club based in Birmingham, Ala. I have enjoyed this hobby for many years. I am also a member of the Academy of Model Aeronautics which I have also been a member. The FCC assigns our hobby frequencies at which to operate our remote control planes. If this docket passes it will almost destroy our hobby. There will be almost no frequencies left it which to fly. I have aprox. \$3000 worth of equipment that I will not be able to use if this bill passes. Something else to consider is if these frequencies are granted these frequencies will interfere with our present frequencies and will crash many airplanes. This is very dangerous because many of these planes fly over 100 MPH and weigh over 30 pounds.

I do not think it is a wise move for the FCC to seek to improve the operating condition of land mobile radio users at the expense of radio controlled modelers. The FCC may not think we are as important as business users but this hobby has many followers with a lot of money invested. This hobby is supported by many businesses which will be effected drastically by this.

Please help me have a safe enjoyment of my pastime and don't allow FCC to carry out it's proposed use of the 72-76 band.

Thanks

*Eddie Crump*  
Eddie Crump

JOHN C. MILLER, CHARTERED  
ATTORNEYS AND COUNSELLORS AT LAW  
RESIDENT ATTORNEY: JOHN C. MILLER  
SUITE 201 BLOHM BUILDING  
ELKO, NEVADA 89801  
(702) 738-8064

TELECOPY  
(702) 738-9181

January 20, 1993

The Honorable Harry R. Reid  
United States Senate  
Senate Hart Building - Room 708  
Washington, DC 20510

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FCC MAIL ROOM

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Re: Federal Communications Commission Proposal - PR Docket 92-235

Dear Senator Reid:

*Dear Ray*  
By now all the excitement concerning the change of Administration and the Inauguration is probably over. I trust you and Landra had a happy holiday period in southern Nevada and are now back in Washington refreshed and ready to go.

I am writing to you at this time concerning a matter that is very dear to my heart. Apparently the Federal Communications Commission is contemplating implementing regulations that would, in essence, take away certain radio frequencies presently assigned to radio controlled model airplane users. As you may or may not know, I am a model airplane enthusiast. Typically, when the Federal Government does something I will roll with the punches, but when the Federal Communication Commission starts to fool around with my hobby, my adrenalin begins to flow. Attached hereto is a package of information from Horizon Hobby Distributors that explains the situation. In essence, if the Federal Communications Commission removes some of the allowable frequencies from radio controlled model airplane use, hobbyists such as myself, who have purchased several radio systems for model aircraft, may have to spend several hundreds of dollars in order to have the radios converted to the narrower group of frequencies. This happened several years ago, and quite frankly, we modelers of America are sick and tired of it.

Radio control model aircraft is a very active and challenging hobby for adult America, with a hotbed of activity centered in and around the Reno and Las Vegas areas. In particular, Las Vegas is the host of many national and international events, with Bill Bennett of Circus Circus being not only an active enthusiast, but a sponsor of many of the activities. The Las Vegas area has hosted the National Quarter-Scale events, the NATS, the National Scale Masters Tournament, the National Pattern Tournaments, and many, many others over the years. Reno also is a major hotbed of modeling activity, hosting the NATS in 1984 or 1985, and this summer is hosting the National Model Reno Air Races. We here in Elko have an active group that includes names you will recognize such as Max Wignall and Mark Chilton.

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*The Honorable Harry R. Reid  
United States Senate  
Page 2  
January 21, 1993*

JAN 26 1993

FUG MAIL ROOM

*Nationwide, if you add together all of the different modeling groups headed by the Academy of Model Aeronautics, the Quarter-Scale Association, the International Miniature Aircraft Association, and others, there are probably 400,000 to 600,000 members of these various organizations, and probably an equal number of radio control enthusiasts who do not belong to any organized group. I know on your many trips back and forth between Vegas and Searchlight you have probably witnessed radio control model airplane activity on the Eldorado Dry Lake south of Railroad Pass.*

*The integrity of radio frequencies assigned to model users is more than a monetary concern, it is all important as a safety concern. When radio frequencies are invaded by others (as allowed by the FCC) a 10-15 pound model airplane flying at 75 miles per hour can be a safety concern to the modeler and any spectators. Even if there are no people hurt by a model gone awry by conflicting radio frequency uses, a major crash can cost the modeler \$300 to \$3,000 and hundreds of hours of building time.*

*You and your staff could be of great service to me, the Elko RC Club and its members, as well as modelers all over the state of Nevada, and for that matter the Nation, by forcing the Federal Communications Commission to find other ways to rectify their past mismanagement of the frequency spectrum other than taking from the hobby enthusiasts. Your help will be greatly appreciated.*

*Sincerely yours,*

**JOHN C. MILLER**

**JCM:emc**

**Enclosures**

**cc     The Office of Senator Harry R. Reid  
        Attention: Reynoldo Martinez (w/enclosures)**

**Federal Communications Commission (w/enclosures)**

**← COPY ONLY**



# HORIZON

Horizon Hobby Distributors, Inc.

January 13, 1993

Dear Dealer:

The future of our R/C industry and our very livelihood is at risk.

The Federal Communications Commission (FCC) is considering an action that will have a profound effect on model frequency use. This massive restructuring inserts two new frequencies between those presently assigned for modeling use and commercial users. The net result is that we will have a user, higher in power, transmitting only 2.5 KHz away from many of our 72 MHz and 75 MHz frequencies.

The proposal is referred to as PR Docket 92-235.

The FCC will receive formal comments prior to February 26, 1993. If they decide to implement this proposal, we will lose the safe use of most of our frequencies by 1996.

What can we do about this?

We need to act fast to contact the FCC and our Congressmen. Likewise, it's imperative that every R/C modeler and interested citizen do the same NOW. Here's how:

1. Send a personal letter or a copy of the enclosed dealer sample letter on your letterhead immediately to the FCC and your Congressmen.
2. Make copies of the two consumer letters enclosed and distribute them to every customer/interested citizen. If you can make a mailing to your customers, please do it.

Encourage any modeler who wants to write his own letter, as opposed to the form letter, to do so.

Since personalized letters are more effective, you and your customers can find out the names of your Representative and/or Senator by calling Capitol Directories at (202) 224-3121. You might want to include that information and/or the phone number in your customer correspondence as well.

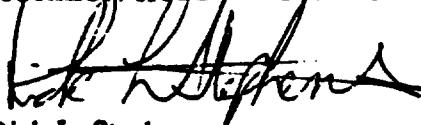
The AMA, along with the R/C Manufacturers Association, is now filing a formal letter of comment to the FCC through legal counsel. The attorneys have recommended that our best line of defense is to have a couple hundred thousand people contact the FCC and our Congressmen immediately.

Please get involved. This is our only chance to let our government know how this change will impact our industry.

If you have any questions, please contact us.

Sincerely,

HORIZON HOBBY DISTRIBUTORS, INC.



Rick L. Stephens  
President